My No:9/CP-1/DP.

D.P.M.
Data Processing Division.

Cost of Production of Paddy.

Following information are given for the tabulation of the above survey.

(1) Counter allocation for the tables.

Table No.	Number of digits
1.i.j	3 (000 - 999)
2.i.j	4 (00.00 - 99.99)
3.i.j	5 (00000 - 99999)
4	4 (0000 - 9999)
5.i	5 (00000 - 99999)
6	4 (0000 - 9999)
7	4 (00.00 - 99.99)

(2) Labeling the tables

Table No. 1.i.j, 2.i.j, 3.i.j :- After the heading (1) District Name should be written at the top lefthand corner.

(2) Mode of Irrigation should be written at the Top Right hand corner.

Table No. 5.i :- After the heading Distrist Name should be written at the top lefthand corner.

Table No. 2.i.j (a) under fertilizer used:- add '*other' before *not used.

(b) under pesticide fungicide:- "*other" before *not used.

Specification for (a) fertiliser used *other-code 6 item 6 sec. 1.
(b) under pesticide/fungicide *other-code 2 item 10 sec. 1.

(3) All values are numeric for the tables.

Deputy Director.
(Div.9)

21st January, 1990

LIST OF TABLES

COST OF PRODUCTION OF PADDY

(1) Mode has 3 codes 1 to be printed as Major and 2 & 3 together to be printed as Minor + Rainfed.

Table 1.i.j. Household and 'attam' labour Hired labour persondays. per acre by type of activity.

$$\text{Persondays per acre} = \frac{\Sigma \text{ persondays}}{\Sigma \text{ size of the parcel}}$$

* Person-days = average number of persons worked per day X
average number of hours worked perday Y

$$\frac{\text{number of days worked}}{8}$$

Household and attam labour:- Column 6 to column 16 of section 2.

Hired labour :- Column 17 to column 25 of section 2.

1987/88	Maha	Code 1	item 1 section 1.
1988	Yala	Code 2	
1988/89	Maha	Code 3	
1989	Yala	Code 4	

Nursury preparation and care	:- item 1	section 2.
Land preperation	:- item 2	
Sowing/Transplanting /Row seeding and Other	:- item 3	
Fertilization after plant establishment	:- item 4	
Weeding	:- item 5	
Pesticides & Fungicides	:- item 6	section 2.
Water supply	:- item 7	
Crop protection from birds & Animals	:- item 8	
Harvesting	:- item 9	

* person-day ⇒ man-day , woman-day, child-day.

Contd..../-

i varies as districts

i = 1 Gampaha

i = 2 Kalutara

i = 3 Kandy

i = 4 Ampara

i = 5 Kurunegala

i = 6 Polonnaruwa

i = 7 Ratnapura.

j varies as mode of irrigation.

j = 1 Major irrigation code 1 item 4 of section 1.

j = 2 minor Irrigation and/or Rainfed code 2 and/or 3 of item 4 of section 1

Seperate tables for i X j

Table 2.i.j. Percentage distribution of parcels using different kinds/methods by year and season.

District:- Code given under 'district' item 13 of Identification information.

1987/88	Maha	Code 1
1988	Yala	Code 2
1988/89	Maha	Code 3
1989	Yala	Code 4

} Item 1 section 1.

Improved seed of paddy used :- code 2 item 3 section 1.
Traditional seed of paddy used :- code 1 item 3 section 1.
Fertilizer used :- Inorganic only :- one or more number of code 1 to 4 of item 6 section 1.
Organic only :- code 5 item 6 section 1.
Both Inorganic and Organic :- one or more number of code 1 to 4 and code 5 item 6 section 1.
Fertilizer not used :- code 7 item 6 section 1.

Pesticides/fungicides used :- code 1 item 10 section 1,
Pesticides/fungicides not used :- code 3 item 10 section 1.
Weedicides (Chemical methods) used :- code 3 item 7 section 1.
Weedicides (Other method) used :- code 1 and/or 2 and/or code 4 and/or 5 of item 7 section 1.
Weedicides not used :- code 6 item 7 section 1.

Method of planting :- Broadcasting code 1 item 5 section 1.
Other code 2 , 3 or 4 item 5 section 1.

i Varies as district

i = 1 Gampaha
i = 2 Kalutara
i = 3 Kandy
i = 4 Ampara
i = 5 Kurunegala
i = 6 Polonnaruwa
i = 7 Ratnapura

j varies as mode of irrigation and/or Rainfed

3.i.j. Labour material and Equipments cost per acre by type of activity

$$\text{Cost per acre} = \frac{\Sigma \text{ cost}}{\Sigma \text{ size of the parcel.}}$$

Size of the parcel :- value given in item 2 of section 1.

acres, roods, and parcels should be added seperately and finally round off to the acres

Household attam labour, Hired labourer :-

value in $\frac{\text{col.8xcol.11xcol.14xcol.26}}{8}$, $\frac{\text{col.9xcol.12xcol.15xcol.27}}{8}$ and/or

and/or $\frac{\text{col.10xcol.13xcol.16xcol.28}}{8}$ and/or $\frac{\text{col.17xcol.20xcol.23xcol.26}}{8}$

and/or $\frac{\text{col.18xcol.21xcol.24xcol.27}}{8}$ and/or $\frac{\text{col.19xcol.22xcol.25xcol.28}}{8}$

Column 8 to 28 given in section 2.

Contract labour :- value in column 29 of section 2.

Material :- value in column 4 of section 2.

Equipment :- value in column 7 of section 2.

1987/88	Maha	code 1	item 1 section 1.
1988	Yala	code 2	
1988/89	Maha	code 3	
1989	Yala	code 4	

Contd...../-

Nursury preperation and care	:- item 1	sec 2.
Land preperation	:- item 2	
Sowing/Transplanting/Row seeding and other	:- item 3	
Fertilization after plant establishment	:- item 4	
Weeding	:- item 5	
Pesticides/Fungicides	:-item 6	
Water supply	:- item 7	
Crop protection from Birds and animals	:- item 8	
Harvesting	:- item 9	

i varies as district

i = 1 Gampaha
= 2 Kalutara
= 3 Kandy
= 4 Ampara
= 5 Kurunegala
= 6. Polonnaruwa
= 7 Ratnapura.

j varies as mode of Irrigation

j = 1 Major Irrigation code 1 item 4 of section 1.

= 2 Minor Irrigation and/or rainfed code 2 and/or 3 of item 4 sec. 1

Seperate tables for i x j.

Table 4:- Quantity of seed paddy, Fertilizer, Pesticides/Fungicides and Weedicides used per acre by district by Mode of Irrigation.

$$\text{Quantity used per acre} = \frac{\Sigma \text{ quantity}}{\Sigma \text{ size of the parcels.}}$$

Size of the parcels :- value given in item 2 section 1.

Acres, Roods, Perches should be added seperately and finally round off to the acres.

Seed Paddy :- Value given in code 011 and column 2 of section 2.

Traditional:- Code 1 item 2 section 1.

Improved :- Code 2 item 2 section 1.

Fertilizer:- Inorganic:- Either one or more of code 1 to 4 item 6 section 1. and value given in either code one or more of code 041, 171, 231, 241, 251 and column 2 of section 2.

Fertilizer Organic:- Code 5 item 6 section 1 and value given in either one or more of 041, 171, 251 and column 2.

Pesticides/Fungicides Kg code 064, 294, and column 2 of section 2.
ml code 061, 291 and column 2 of section 2.

Weedicide Chemical kg code 054, 284, 094 and column 2 of section 2.
ml code 061, 091, 281 and column 2 of section 2.

District:- Code given under 'District' item 15 of Identification information.

Mode of Irrigation. Major:- code 1 of item 4 of section 1.
Minor and rainfed:- code 2 and/or 3 of item 4 of section 1.

1987/88	Maha	Code 1	Item 1 of section 1.
1988	Yala	Code 2	
1988/89	Maha	Code 3	
1989	Yala	Code 4	

Table 5.i Type of cost per acre by mode of Irrigation and season.

$$\text{Cost per acre} = \frac{\Sigma \text{ cost}}{\Sigma \text{ size of the parcel.}}$$

Size of the parcel:- value given in item 2 of section 1.

Acres, Roods, Perches should be added seperately and finally round off to the acre.

Labour:- ΣValue in $\frac{\text{col.8xcol.11xcol.14xcol.26}}{8}$ and/or $\frac{\text{col.9xcol.12xcol.15xcol.27}}{8}$ and/or

$\frac{\text{col.10xcol.13xcol.16xcol.28}}{8}$ and/or $\frac{\text{col.17xcol.20xcol.23xcol.26}}{8}$

$\frac{\text{col.18xcol.21xcol.24xcol.27}}{8}$ and/or $\frac{\text{col.19xcol.22xcol.25xcol.28}}{8}$

and or value in col. 29 of section 2.

from code 011 to 352 of section 2.

Material:- Value in $\sum_{\text{code 011}}^{352}$ col. 4 of section 2.

Equipment:- Value in $\sum_{\text{code 011}}^{352}$ col. 7 of section 2.

Fuel:- code 361 of item 10 section 2

Water tax :- code 362 of item 10 section 2.

Average tax/Land rent/Lease rent:- code 363 of item 10 section 2.

Crop Insurance:- code :- code 364 " " " " "

Transport :- code 365" " " " "

Maintence :- code 366 " " " " "

Packing Materials :- code 367 " " " " "

Other :- code 369 " "" " " "

* Utilization of other implement:- value in $\sum$ number used x market price per item & Average number of

Districts :- Codes given under "District" item 13 of Identification Informations.

Mode of Irrigation:- Major:- code 1 of item 4 of section 1.

Minor and/or rainfed code 2, and or 3 of Item 4 section 1.

1987/88	Maha	Code 1	Item 1 section 1.
1988	Yala	Code 2	
1988/89	Maha	Code 3	
1989	Yala	Code 4	

i varies as districts seperate tables for each district.

i = 1 Gampaha

= 2 Kalutara

= 3 Kandy

= 4 Ampara

= 5 Kurunegala

= 6 Polonnaruwa

= 7 Ratnapura.

Table 6 :- Production of Paddy per acre by mode of Irrigation Season and by District.

$$\text{Production of paddy per acre} = \frac{\Sigma \text{ Production of paddy}}{\Sigma \text{ Size of the parcel.}}$$

Production of paddy :- value given under harvest of item 10 section 2.

Size of the parcel :- value given under item 2 of section 1.

Acres, Roods, and Perches should be added seperately and finally round off to the acres.

District :- Code given under 'District' of item 13 , Identification Information.

Mode of Irrigation:- Major :- Code 1 of item 4 of section 1.

Minor and/or rainfed :- Code 2 or/and code 3 of item 4 of section 1.

1987/88	Maha	Code 1	Item 1 section 1.
1988	Yala	Code 2	" " "
1988/89	Maha	Code 3	" " "
1989	Yala	Code 4	Item 1 section 1.

TABLE 1.1.j HOUSEHOLD AND ATTAM LABOUR ,HIRED LABOUR

PERSON-DAYS PER ACRE BY TYPE OF ACTIVITY

District : KOMRA

Major : MAJOR

Activity	Peson-days per acre											
	Household and attam labour -											
	Man-days				woman-days				Child-days			
	BT/BB Nahe	BB Vale	BB/BD Nahe	BD Vale	BT/BB Nahe	BB Vale	BB/BD Nahe	BD Vale	BT/BB Nahe	BB Vale	BB/BD Nahe	BD Vale
All activities												
* Nursery preperation and care												
* Land preperation												
* Sowing/Transplanting/Raw weeding and other												
* Fertilization after plant Establishment												
* Weeding												
*b Pestisides/Fungisides												
* Water supply												
* Crop protection from birds and animals												
* Harvesting												

cont...

CPADDY

Table 7

Production cost per kg of paddy by district

by Mode of Irrigation and season

Mode of Irrigation	Year and Season	Production cost per kg of paddy							
		All districts	Ampara	Gampaha	Kalutara	Kandy	Kurunegala	Polonnaruwa	Rannepura
		kg	kg	kg	kg	kg	kg	kg	kg
Major	87/88 Maha 88 Yala 88/89 Maha 89 Yala	Production cost per kg of paddy = Total cost value given in table 5.2 (Under relevent district, mode of irrigation & season) / Quantity given in table 1 (Under relevent district, mode of irrigation & season)							
Minor and/or Rainfed	87/88 Maha 88 Yala 88/89 Maha 89 Yala								

Table 6

Producton of paddy per acre by mode of irrigation

Season and by District

Mode of Irrigation	Year and Season	Production of paddy per acre							
		All districts	Ampara	Gampaha	Kalutara	Kandy	Kurunegala	Polonnaruwa	Ratnapura
		kg	kg	kg	kg	kg	kg	kg	kg
Major	87/88 Maha								
	88 Yala								
	88/89 Maha								
	89 Yala								
Minor and/or Rainfed	87/88 Maha								
	88 Yala								
	88/89 Maha								
	89 Yala								

Table 5.1

Type of cost per acre by Mode of irrigation and season

Type of cost	Cost per acer -							
	Major Irrigation				Minor and/or rainfed			
	87/88 Maha	88 Yala	88/89 Maha	89 Yala	87/88 Maha	88 Yala	88/89 Maha	89 Yala
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
Labour								
Materials								
Equipments								
Fuel								
Water tax								
Acerage tax/Land rent /Lease rent								
Crop insurance								
Transport								
Maintence								
Packing materials								
Utilization of other materials								
Other								
Total								

Table 4

Quantity of Seed paddy, Fertilizer, Pesticides/Fungicides and Weedicides used per acre by District and by Mode of Irrigation

District	Mode of Irrigation	Year and season	Quantity used per acre							
			Seed paddy		Fertilizer		Pesticides/ Fungicides		Weedicides (Chemical)	
			Traditional	Improved	Inorg-anic	Orga-nic				
			kg	kg	kg	kg	kg	ml	kg	ml
	Major	87/88 Maha								
		88 Yala								
		88/89 Maha								
		89 Yala								
	Minor and/or Rainfed	87/88 Maha								
		88 Yala								
		88/89 Maha								
		89 Yala								

Table 3.1.j

Labour, Materials and Equipment cost per acre by type of Activity by Season

Dutwal · Mach ·

Activity	Cost per Acre																			
	Total				H/H, Attam Hired Labour wl 8 - 28				Contract Labour 29				Materials				Equipments			
	87 88 Maha	88 Yala	88 89 Maha	89 Yala	87 88 Maha	88 Yala	88 89 Maha	89 Yala	87 88 Maha	88 Yala	88 89 Maha	89 Yala	87 88 Maha	88 Yala	88 89 Maha	89 Yala	87 88 Maha	88 Yala	88 89 Maha	89 Yala
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
All Activity																				
Nursery preparation and care																				
Land preparation Sowing/Transplanting/ Row Seeding & Other																				
Fertilizer used																				
Weed control																				
Pesticide/Fungicide used																				
Water supply																				
Crop protection from Birds & Animals																				
Harvesting																				

TABLE 2.1 : PERCENTAGE DISTRIBUTION OF PARCELS USING DIFFERENT METHODS/KINDS BY YEAR AND SEASON

Methods/Kinds	87/88 Maha	88 Yala	88/89 Maha	89 Yala
* Improved seed of paddy used * Traditional seed of paddy used				
Total	100	100	100	100
* Fertilizer used # Inorganic only # Organic only # Inorganic& Organic # Not used				
Total	100	100	100	100
* Pesticides/Fungicide used # not used				
Total	100	100	100	100
* Weed control # chemical method used # other method used # not used				
Total	100	100	100	100
* Method of planting # Broadcasting # Other method				
Total	100	100	100	100

TABLE 1.1.j HOUSEHOLD AND ATTAM LABOUR ,HIRED LABOUR

PERSON DAYS PER ACRE BY TYPE OF ACTIVITY

...Cont

Activity	Person-days per acre											
	Hired labour											
	Man-days				woman-days				Child-days			
	ET/KA Maha	KA Yala	KA/EG Maha	EG Yala	ET/KA Maha	KA Yala	KA/EG Maha	EG Yala	ET/KA Maha	KA Yala	KA/EG Maha	EG Yala
All activities												
* Nursery preparation and care												
* Land preparation												
* Sowing/Transplanting/Row weeding and other												
* Fertilization after plant Establishment												
* Weeding												
*b Pesticides/Fungicides												
* Water supply												
* Crop protection from birds and animals												
* Harvesting												